

Nagaraj Jayaraman

DevOps and Multi-Cloud Solution Architect

jsnagaraj37@gmail.com • +91 80 8888 5616 • js-nagaraj.github.io • Bangalore, India

Education

Anna University, Coimbatore - Computer Science and Engineering

August 2008 - April 2012

Technical Skills

Languages: Php, Java, Python, C, C++, HTML, JavaScript, SQL

Databases: MySQL, MongoDB, PostgreSQL, DynamoDB, RDS, MongoDB Atlas

Frameworks: Laravel, Express.js, Nest.js, Node.js, React.js, Next.js, React Native

DevOps & Tools: Git, Jira, Docker, AWS, GCP, Azure, Supabase, Vercel, Jenkins, Azure DevOps, Orthanc

Soft Skills

Technical Leadership & Mentorship - Led cross-functional teams in designing scalable software solutions, mentoring junior developers and improving overall team productivity.

Architectural & System Design - Expertise in cloud architecture, microservices and system scalability, optimizing system efficiency and reducing downtime.

Stakeholder Communication & Collaboration - Coordinated with product managers, clients and developers to align technical solutions with business goals, ensuring timely project delivery.

Problem Solving & Innovation - Designed and implemented performance-optimized solutions, reducing infrastructure costs and enhancing system reliability.

Agile Development & DevOps - Experienced in cloud Infrastructure setup and deployment (AWS, GCP, Azure, Vercel) and DevOps practices to streamline software development process.

Experience

DevOps & Multi-Cloud Architect as Freelancer

July 2025 - **PRESENT**

- Designed and developed MVPs for IT, e-commerce, and education platforms.
- Delivered end-to-end cloud and DevOps solutions across AWS, Azure, and GCP.
- Continuously learning advanced cloud services, including AI integrations.

Technical Consultant at Appzoy Technologies Pvt Ltd

October 2024 - June 2025

- Consulted on cloud architecture and DevOps strategies for enterprise clients.
- Designed scalable solutions across AWS, Azure, and GCP to meet business requirements.
- Advised development teams on best practices for CI/CD, security, and cost optimization.
- Supported technology evaluations and provided recommendations for digital transformation projects.

Technical Lead at Appzoy Technologies Pvt Ltd

October 2020 - September 2024

- Led a team in developing scalable web and mobile applications.
- Designed cloud solutions across AWS, Azure, and GCP.
- Introduced microservices and modern frameworks for better performance.
- Mentored developers and improved Agile delivery practices

Senior Software Engineer at Appzoy Technologies Pvt Ltd

October 2018 - September 2020

- Developed and maintained web applications using PHP, Laravel, and JavaScript frameworks.
- Built REST APIs and optimized MySQL/MongoDB databases for performance.
- Collaborated with teams to deliver client-focused software solutions.
- Contributed to code reviews and improved overall code quality.

Web Services Developer at Appzoy Technologies Pvt Ltd

October 2016 - September 2018

- Delivered multiple projects in parallel and earned company recognition awards.
- Handled cross-functional teams while implementing REST APIs for web and mobile applications.
- Mentored freshers and guided team members on best practices to boost productivity.
- Performed code reviews, managed deployments, and ensured ongoing application maintenance.
- Engaged with clients to gather requirements and present effective technical solutions.

Full Stack Developer at Sysinnova Infotech Pvt Ltd

September 2014 - August 2016

- Developed three complete web applications independently, handling both **UI/UX design and full-stack development**.
- Built and deployed back-end systems, ensuring scalability and performance.
- Designed custom icons, buttons, and logos using Photoshop to enhance client branding.
- Created and integrated REST APIs, and optimized MySQL databases for efficiency.
- Improved client workload management and **increased profits** through custom web solutions for individual and corporate training programs.

Computer Hardware Technician at HCL Infosystems Pvt Ltd, Goa

September 2013 - August 2014

- Installed, configured, and maintained computer hardware, peripherals, and networking devices.
- Performed troubleshooting, repair, and replacement of faulty components to ensure system uptime.
- Assisted clients with hardware and software issues, providing on-site and remote support.
- Documented technical issues and solutions to improve service efficiency.

Projects

Messe Muenchen India - Event Management Platform

January 2024 - June 2025 | Team Size: 4

Tech Stack: Azure Services, Azure DevOps, CI/CD Pipeline, Microsoft SSMS, MS Clarity

- Analyzed existing web portal, database, and cloud infrastructure; designed **cloud architecture diagrams** and comprehensive documentation.
- **Trained and mentored internal teams**, enabling successful implementation of front-end and back-end modules.
- Supported **production deployments** by managing cloud services, performing code reviews, and delivering business-aligned technical solutions.

ChattyBao - Social E-Commerce Platform

October 2023 - December 2023 | Team size: 11

Tech Stack: NodeJS, ExpressJS, MongoDB, AWS EC2, AWS S3, AWS CloudWatch, AWS IoT, AWS SDKs

- **Coordinated with a 11-member engineering team**, performing code reviews, promoting best practices, and resolving critical issues.
- **Upgraded AWS SDKs** and optimized application code, improving system performance and stability.
- **Enhanced cloud infrastructure** and implemented cost optimization strategies, achieving a **20% reduction in expenses**.

Svaim - Health Record Digitization Platform

February 2020 - September 2023 | Team size: 6

Tech Stack: NodeJS, ExpressJS, MongoDB, GCP, Firebase Storage, Orthanc, DICOM, PACS

- **Led a 3-member engineering team** in designing and implementing a scalable **microservices-based architecture**.
- Developed workflows to process **medical imaging data**, enabling secure file conversion and seamless digital sharing with doctors and patients.
- Implemented **end-to-end security** across file processing, storage, and authentication, ensuring compliance through encryption and access controls.

Karma - Credit and Loan Platform

October 2019 - January 2020 | Team size: 5

Tech Stack: NodeJS, ExpressJS, MongoDB, AWS, Power BI, Crypto, MetaMask

- **Supported and optimized backend APIs** while leading the team to adopt standard practices in **code quality, Git workflows, and deployment processes**.
- **Implemented interactive dashboards in Microsoft Power BI**, visualizing production data and enabling data-driven business decisions.

Expense on the Go - Personal Expense Management Platform

October 2019 - January 2020 | Team size: 3

Tech Stack: NodeJS, ExpressJS, MongoDB, AWS EC2, S3, SSL, AWS IAM

- **Implemented JWT-based authentication and authorization**, structuring the project to support multiple API versions.
- **Designed and deployed secure cloud infrastructure on AWS**, strengthening application security and reliability.
- **Configured HTTPS and integrated domain management** via AWS Load Balancer, ensuring secure and seamless access

Uassess - Personal Skill Assessment and Management Platform

February 2019 - September 2019 | Team size: 6

Tech Stack: PHP, Laravel, MongoDB, AWS EC2, S3, SSL, AWS IAM

- **Designed and deployed high-availability cloud infrastructure** to support both web and mobile applications, ensuring scalability and reliability.
- **Implemented load balancing and auto-scaling policies**, reducing response times and improving user experience.
- **Secured backend services** with AWS IAM policies and HTTPS encryption, strengthening compliance and data protection.

Folo - Personal and Group event management platform

July 2017 - January 2018 | Team size: 5

Tech Stack: PHP, Laravel, MongoDB, AWS EC2, S3, SSL, AWS IAM

- **Led a 3-member team to develop backend APIs**, successfully delivering the project on schedule and earning client appreciation.
- **Implemented RESTful APIs and managed cloud infrastructure**, enabling the release of a high-performing mobile app that achieved strong customer satisfaction.

Monavis - Personal and Group event management platform

October 2016 - June 2017 | Team size: 5

Tech Stack: PHP, Laravel, MongoDB, Apache Tomcat, AWS

- **Led a 3-member team to develop backend APIs**, successfully delivering the project on schedule and earning client appreciation.
- **Implemented RESTful APIs and managed cloud infrastructure**, enabling the release of a high-performing mobile app that achieved strong customer satisfaction.

Sysinnova - Individual and Corporate Training Platform

August 2014 - September 2016 | Team size: 1

Tech Stack: PHP, MySQL, CodeIgniter, Apache Tomcat, Photoshop, FTP, SSL, DNS

- **Designed wireframes in Adobe Photoshop** and developed a corporate training website, enhancing user experience and branding.
- **Built an interactive course catalog with search and filter features**, increasing course sign-ups by **30%**.
- **Implemented a content management system**, enabling trainers to easily upload and update courses without technical support.
- **Automated course updates**, reducing manual work and improving operational efficiency.